README

Summary statistics were generated from DMR data for 21 facilities for TN, TN_CALC, and TP. Summary statistics were generat
outfall (Count, Average, Maximum, Standard Deviation, Min sampling month, Max sampling month). TN_CALC was calculated
summing NO2/NO3 and TKN for observations when TN was not present. The only other N_species included was nitrate-N by i
those results were excluded. Less than values were all reported as is (likely equal to the MDL value but its not clear from the d
coefficient of variation is a calculated field based on these data.

Assumptions

Data from the minimum duration statistical base code was prefentially selected (daily over weekly over monthly ov

Data were included if the monitoring date range fell anywhere within the criteria application range. Note (1) Criteria for Ecore
start on June 16, so any observation from the month of June were included (2) Any quarterly samples that overlap the time pe
criteria apply were included.

Findings of interest

MT0020001 has TN_Calc values reported in the same statbase because the observations were from a different permit. TN_CA
summary statistics for this facility include all TKN+NO3/NO2 measurements, even on days when TN were present.

Note: This analysis included revised pre-screened DMR Input data to improve results accuracy received on 9/7/201

MT0030309 had not data within the specified criteria time period.

er quarterly).

5.

NPDES ID	Perm Feature ID	Total Nitrogen								CALC
		Count	Avg	Max	StDev	CV	Min Month	Max Month	StatBase Summary	Count
MT0020001	001	12	23.61667	36.6	6.48436	0.27457	8	10	Monthly	15
MT0020028	001	10	4.94	11	3.03908	0.61520	7	9	Weekly	
MT0020044	001	7	3.02143	6.45	1.62810	0.6	7	9	Monthly	7
MT0020052	001	11	7.77455	20.27	5.86469	0.75435	4	9	Quarterly	
MT0020125	001	22	12.36364	28.4	9.58359	0.77514	6	9	Monthly	
MT0020303	001	11	8.31	15.3	4.21847	0.50764	7	9	Monthly	
MT0020354	001									16
MT0020478	001	16	16.01875	21	3.82557	0.23882	7	9	Weekly	
MT0020656	001	21	18.50476	31.2	9.30685	0.50294	6	9	Monthly	
MT0020753	001	15	33.16667	44.4	5.31315	0.16020	7	9	Monthly	
MT0021211	001	7	18.8	28.7	5.61961	0.6	6	9	Daily	
MT0021440	002	9	18.71	33.1	9.52961	0.6	6	9	Monthly	
MT0021750	001									5
MT0021857	001	4	8.625	11.9	2.34290	0.6	7	9	Daily	
MT0022535	001	18	17.35	25.2	2.79122	0.16088	6	9	Weekly	
MT0022713	001	9	15.78111	21.31	5.01143	0.6	7	9	Daily	
MT0023566	001	15	19.04533	29	6.58884	0.34596	7	9	Weekly	
MT0028665	001	8	11.75	19.4	4.25139	0.6	6	9	Monthly	
MT0030295	001	1	10.17	10.17		0.6	7	9	Daily	
MT0030295	002	5	11.738	15.1	3.43133	0.6	7	9	Daily	
MT0030309	001									
MT0030732	001	4	9.15	13.1	3.9	0.6	7	9	Weekly	

Total Nitrogen CALC							Total Phosphorus			
Avg	Max	StDev	CV	Min Month	Max Month	StatBase Summary	Count	Avg	Max	StDev
23.13	36.6	5.96759	0.25800	8	10	Monthly	15	2.71667	3.68	.48126
							10	5.774	8.3	.50271
3.67	7.94	1.96825	0.6	7	9	Weekly	15	0.4708	0.97	.24178
							11	1.16727	2.7	.97700
							22	2.21136	3.12	.76181
							11	1.93864	3.25	.00475
8.01688	12.68	2.03574	0.25393	7	9	Monthly	16	2.16688	4.07	.70173
							16	2.39438	3.19	.55709
							21	1.61171	5.9	.41761
							15	7.116	8.8	.69916
							7	2.49571	3.24	.66098
							12	6.375	7.8	.32824
4.73	7.03	1.96443	0.6	7	9	Daily	5	0.689	0.925	.22640
							4	0.435	0.72	.28030
							18	2.18	3.2	.50358
							9	3.06222	4.55	.96969
							15	3.64267	8.13	.50179
							20	3.9035	5.16	.78993
							1	2.8	2.8	
							5	3.364	4.8	.07828
							4	3.84	4.3	.46094

Total Phosphorus			
CV	Min Month	Max Month	StatBase Summary
0.17715	8	10	Monthly
0.26025	7	9	Weekly
0.51355	7	9	Monthly
0.83699	4	9	Quarterly
0.34450	6	9	Monthly
0.51828	7	9	Monthly
0.32384	7	9	Monthly
0.23267	7	9	Weekly
0.87957	6	9	Monthly
0.09825	7	9	Monthly
0.6	6	9	Daily
0.20835	6	9	Monthly
0.6	7	9	Daily
0.6	7	9	Daily
0.23100	6	9	Weekly
0.6	7	9	Monthly
0.41228	7	9	Weekly
0.20236	6	9	Monthly
0.6	7	9	Daily
0.6	7	9	Daily
0.6	7	9	Weekly